

# Ohio EPA - Daily Discharge Monitoring Report - Form 4500

**SUBMISSION ID:** 1139253  
**FACILITY:** Emerald BioEnergy  
**LOCATION:** 2881 Co Rd 156  
 Cardington, OH 43315  
**COUNTY:** Morrow  
**DISTRICT:** CDO

**STATUS:** Original  
**PERMIT NUMBER:** 4IN00204\*BD  
**STATION CODE:** 581  
**MONITORING PERIOD :** 2022-03-01 To: 2022-03-31  
**REPORTING LAB:** Renergy  
**ANALYST:** Jeff Williamson  
**NO DISCHARGE INDICATOR:** AL

PARAMETER	pH	Ammonia (NH3) In Sludge	Nitrogen Kjeldahl, Total In Sludge	Phosphorus, Total In Sludge	Potassium In Sludge	Arsenic, Total In Sludge	Cadmium, Total In Sludge
PARAMETER CODE	00400	00611	00627	00668	00938	01003	01028
UNITS	S.U.	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month
SAMPLING TYPE	Composite	Composite	Composite	Composite	Composite	Composite	Composite
2022-03-01							
2022-03-02							
2022-03-03							
2022-03-04							
2022-03-05							
2022-03-06							
2022-03-07							
2022-03-08							
2022-03-09							
2022-03-10							
2022-03-11							
2022-03-12							
2022-03-13							
2022-03-14							
2022-03-15							
2022-03-16							
2022-03-17							
2022-03-18							
2022-03-19							
2022-03-20							
2022-03-21							
2022-03-22							
2022-03-23							
2022-03-24							
2022-03-25							
2022-03-26							
2022-03-27							
2022-03-28							
2022-03-29							
2022-03-30							
2022-03-31							
Minimum							
Maximum							
Average							
Count							
<b>Name of Responsible Official or Authorized Representative</b>  <div style="text-align: center; font-size: 1.2em;">Jeffrey Williamson</div>		I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.		<b>Signature of Responsible Official or Authorized Representative</b>  <div style="height: 80px;"></div>		<b>Submission Date/Time</b>  <div style="text-align: center;"> <b>Certification Version Date</b>            2022-04-            20 14:04         </div>	

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 Cardington, OH 43315  
**COUNTY:** Morrow  
**DISTRICT:** CDO

**STATUS:** Original  
**PERMIT NUMBER:** 4IN00204\*BD  
**STATION CODE:** 581  
**MONITORING PERIOD :** 2022-03-01 To: 2022-03-31  
**REPORTING LAB:** Renergy  
**ANALYST:** Jeff Williamson  
**NO DISCHARGE INDICATOR:** AL

PARAMETER	Copper, Total In Sludge	Lead, Total In Sludge	Nickel, Total In Sludge	Zinc, Total In Sludge	Selenium, Total In Sludge	Sludge Fee Weight	Sludge Weight
PARAMETER CODE	01043	01052	01068	01093	01148	51129	70316
UNITS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	dry tons	Dry Tons
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month
SAMPLING TYPE	Composite	Composite	Composite	Composite	Composite	Total	Total
2022-03-01							
2022-03-02							
2022-03-03							
2022-03-04							
2022-03-05							
2022-03-06							
2022-03-07							
2022-03-08							
2022-03-09							
2022-03-10							
2022-03-11							
2022-03-12							
2022-03-13							
2022-03-14							
2022-03-15							
2022-03-16							
2022-03-17							
2022-03-18							
2022-03-19							
2022-03-20							
2022-03-21							
2022-03-22							
2022-03-23							
2022-03-24							
2022-03-25							
2022-03-26							
2022-03-27							
2022-03-28							
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2022-03-30							
2022-03-31							
Minimum							
Maximum							
Average							
Count							
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Jeffrey Williamson						<b>Certification Version Date</b> 2022-04-20 14:04	

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**LOCATION:** 2881 Co Rd 156  
 Cardington, OH 43315  
**COUNTY:** Morrow  
**DISTRICT:** CDO

**STATUS:** Original  
**PERMIT NUMBER:** 4IN00204\*BD  
**STATION CODE:** 581  
**MONITORING PERIOD :** 2022-03-01 To: 2022-03-31  
**REPORTING LAB:** Renergy  
**ANALYST:** Jeff Williamson  
**NO DISCHARGE INDICATOR:** AL

PARAMETER	Mercury, Total In Sludge	Molybdenum In Sludge					
PARAMETER CODE	71921	78465					
UNITS	mg/kg	mg/kg					
FREQUENCY	1/Month	1/Month					
SAMPLING TYPE	Composite	Composite					
2022-03-01							
2022-03-02							
2022-03-03							
2022-03-04							
2022-03-05							
2022-03-06							
2022-03-07							
2022-03-08							
2022-03-09							
2022-03-10							
2022-03-11							
2022-03-12							
2022-03-13							
2022-03-14							
2022-03-15							
2022-03-16							
2022-03-17							
2022-03-18							
2022-03-19							
2022-03-20							
2022-03-21							
2022-03-22							
2022-03-23							
2022-03-24							
2022-03-25							
2022-03-26							
2022-03-27							
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2022-03-30							
2022-03-31							
Minimum							
Maximum							
Average							
Count							
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Jeffrey Williamson							<b>Certification Version Date</b>  2022-04- 20 14:04

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**LOCATION:** 2881 Co Rd 156  
 Cardington, OH 43315  
**COUNTY:** Morrow  
**DISTRICT:** CDO

**STATUS:** Original  
**PERMIT NUMBER:** 4IN00204\*BD  
**STATION CODE:** 582  
**MONITORING PERIOD :** 2022-03-01 To: 2022-03-31  
**REPORTING LAB:** Brookside  
**ANALYST:** CHarel Rex  
**NO DISCHARGE INDICATOR:**

PARAMETER	pH	Ammonia (NH3) In Sludge	Nitrogen Kjeldahl, Total In Sludge	Phosphorus, Total In Sludge	Potassium In Sludge	Arsenic, Total In Sludge	Cadmium, Total In Sludge
PARAMETER CODE	00400	00611	00627	00668	00938	01003	01028
UNITS	S.U.	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month
SAMPLING TYPE	Composite	Composite	Composite	Composite	Composite	Composite	Composite
2022-03-01							
2022-03-02							
2022-03-03							
2022-03-04							
2022-03-05							
2022-03-06							
2022-03-07							
2022-03-08							
2022-03-09	7.92	137000	158000	32400	47100	3	322
2022-03-10							
2022-03-11							
2022-03-12							
2022-03-13							
2022-03-14							
2022-03-15							
2022-03-16							
2022-03-17							
2022-03-18							
2022-03-19							
2022-03-20							
2022-03-21							
2022-03-22							
2022-03-23							
2022-03-24							
2022-03-25							
2022-03-26							
2022-03-27							
2022-03-28							
2022-03-29							
2022-03-30							
2022-03-31							
Minimum	7.92	137000.0	158000.0	32400.0	47100.0	3.0	322.0
Maximum	7.92	137000.0	158000.0	32400.0	47100.0	3.0	322.0
Average		137000	158000	32400	47100	3	322
Count	1	1	1	1	1	1	1
Name of Responsible Official or Authorized Representative		I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
							Certification Version Date 2022-04-20 14:04
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**COUNTY:** Morrow  
**DISTRICT:** CDO

**STATUS:** Original  
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**STATION CODE:** 582  
**MONITORING PERIOD :** 2022-03-01 To: 2022-03-31  
**REPORTING LAB:** Brookside  
**ANALYST:** CHarel Rex  
**NO DISCHARGE INDICATOR:**

PARAMETER	Copper, Total In Sludge	Lead, Total In Sludge	Nickel, Total In Sludge	Zinc, Total In Sludge	Selenium, Total In Sludge	Sludge Fee Weight	Sludge Weight
PARAMETER CODE	01043	01052	01068	01093	01148	51129	70316
UNITS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	dry tons	Dry Tons
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month
SAMPLING TYPE	Composite	Composite	Composite	Composite	Composite	Total	Total
2022-03-01							
2022-03-02							
2022-03-03							
2022-03-04							
2022-03-05							
2022-03-06							
2022-03-07							
2022-03-08							
2022-03-09	AA5.0	AA5.0	25	556	6	0	0
2022-03-10							
2022-03-11							
2022-03-12							
2022-03-13							
2022-03-14							
2022-03-15							
2022-03-16							
2022-03-17							
2022-03-18							
2022-03-19							
2022-03-20							
2022-03-21							
2022-03-22							
2022-03-23							
2022-03-24							
2022-03-25							
2022-03-26							
2022-03-27							
2022-03-28							
2022-03-29							
2022-03-30							
2022-03-31							
Minimum	0.0	0.0	25.0	556.0	6.0	0.0	0.0
Maximum	0.0	0.0	25.0	556.0	6.0	0.0	0.0
Average	0	0	25	556	6	0	0
Count	1	1	1	1	1	1	1
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**LOCATION:** 2881 Co Rd 156  
 Cardington, OH 43315  
**COUNTY:** Morrow  
**DISTRICT:** CDO

**STATUS:** Original  
**PERMIT NUMBER:** 4IN00204\*BD  
**STATION CODE:** 582  
**MONITORING PERIOD :** 2022-03-01 To: 2022-03-31  
**REPORTING LAB:** Brookside  
**ANALYST:** CHarel Rex  
**NO DISCHARGE INDICATOR:**

PARAMETER	Mercury, Total In Sludge	Molybdenum In Sludge					
PARAMETER CODE	71921	78465					
UNITS	mg/kg	mg/kg					
FREQUENCY	1/Month	1/Month					
SAMPLING TYPE	Composite	Composite					
2022-03-01							
2022-03-02							
2022-03-03							
2022-03-04							
2022-03-05							
2022-03-06							
2022-03-07							
2022-03-08							
2022-03-09	.07	16					
2022-03-10							
2022-03-11							
2022-03-12							
2022-03-13							
2022-03-14							
2022-03-15							
2022-03-16							
2022-03-17							
2022-03-18							
2022-03-19							
2022-03-20							
2022-03-21							
2022-03-22							
2022-03-23							
2022-03-24							
2022-03-25							
2022-03-26							
2022-03-27							
2022-03-28							
2022-03-29							
2022-03-30							
2022-03-31							
Minimum	0.07	16.0					
Maximum	0.07	16.0					
Average	0.07	16					
Count	1	1					
<b>Name of Responsible Official or Authorized Representative</b>	I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.			<b>Signature of Responsible Official or Authorized Representative</b>		<b>Submission Date/Time</b>	
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**FACILITY:** Emerald BioEnergy  
**LOCATION:** 2881 Co Rd 156  
 Cardington, OH 43315  
**COUNTY:** Morrow  
**DISTRICT:** CDO

**STATUS:** Original  
**PERMIT NUMBER:** 4IN00204\*BD  
**STATION CODE:** 601  
**MONITORING PERIOD :** 2022-03-01 To: 2022-03-31  
**REPORTING LAB:** Renergy  
**ANALYST:** Jeff Williamson  
**NO DISCHARGE INDICATOR:** AL

PARAMETER	Hydraulic Loading Rate (HLR)	Sludge Solids, Percent Total	Sludge Solids, Percent Volatile	COD, Soluble	Organic Loading Rate (OLR)		
PARAMETER CODE	51028	70318	70322	80116	99981		
UNITS	GPD	%	%	mg/l	lb/cf/day		
FREQUENCY	1/Week	1/Week	1/Week	1/Week	1/Week		
SAMPLING TYPE	Continuous	Composite	Composite	Composite	Continuous		
2022-03-01							
2022-03-02							
2022-03-03							
2022-03-04							
2022-03-05							
2022-03-06							
2022-03-07							
2022-03-08							
2022-03-09							
2022-03-10							
2022-03-11							
2022-03-12							
2022-03-13							
2022-03-14							
2022-03-15							
2022-03-16							
2022-03-17							
2022-03-18							
2022-03-19							
2022-03-20							
2022-03-21							
2022-03-22							
2022-03-23							
2022-03-24							
2022-03-25							
2022-03-26							
2022-03-27							
2022-03-28							
2022-03-29							
2022-03-30							
2022-03-31							
Minimum							
Maximum							
Average							
Count							
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**FACILITY:** Emerald BioEnergy  
**LOCATION:** 2881 Co Rd 156  
 Cardington, OH 43315  
**COUNTY:** Morrow  
**DISTRICT:** CDO

**STATUS:** Original  
**PERMIT NUMBER:** 4IN00204\*BD  
**STATION CODE:** 602  
**MONITORING PERIOD :** 2022-03-01 To: 2022-03-31  
**REPORTING LAB:** Renergy  
**ANALYST:** Jeff Williamson  
**NO DISCHARGE INDICATOR:**

PARAMETER	Temperature, In Sludge	pH	Alkalinity, Total (CaCO3)	Volatile Fatty Acids (VFA)	Detention Time, days		
PARAMETER CODE	99978	00400	00410	99980	72026		
UNITS	F	S.U.	mg/l	mg/l	days		
FREQUENCY	1/Day	3/Week	3/Week	3/Week	1/Week		
SAMPLING TYPE	Continuous	Composite	Composite	Composite	Continuous		
2022-03-01	98	7.803	9431	1897			
2022-03-02	99	7.848					
2022-03-03	98		10670	1415	70		
2022-03-04	98	7.762					
2022-03-05	98						
2022-03-06	98						
2022-03-07	98	7.716	9698	2373			
2022-03-08	97						
2022-03-09	96	7.841	11185	1146	70		
2022-03-10	98						
2022-03-11	98	7.829	10610	1432			
2022-03-12	96						
2022-03-13	98						
2022-03-14	98	7.832	10996	1116			
2022-03-15	98						
2022-03-16	98	7.819	10145	1264			
2022-03-17	98						
2022-03-18	98	7.805	10328	1543	70		
2022-03-19	98						
2022-03-20	98						
2022-03-21	98	7.833	12113	562			
2022-03-22	97						
2022-03-23	99	7.805	11373	1208	90		
2022-03-24	98						
2022-03-25	98	7.746	11104	796			
2022-03-26	98						
2022-03-27	98						
2022-03-28	98	7.768	11549	1211			
2022-03-29	98						
2022-03-30	98	7.769	11172	1201	90		
2022-03-31	98						
Minimum		7.716	9431.0	562.0	96.0		
Maximum		7.848	12113.0	2373.0	99.0		
Average			10798	1320.30769	97.87097		
Count		14	13	13	31		
Name of Responsible Official or Authorized Representative	I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.			Signature of Responsible Official or Authorized Representative		Submission Date/Time	
Jeffrey Williamson						Certification Version Date 2022-04-20 14:04	



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**LOCATION:** 2881 Co Rd 156  
 Cardington, OH 43315  
**COUNTY:** Morrow  
**DISTRICT:** CDO

**STATUS:** Original  
**PERMIT NUMBER:** 4IN00204\*BD  
**STATION CODE:** 603  
**MONITORING PERIOD :** 2022-03-01 To: 2022-03-31  
**REPORTING LAB:** Renergy  
**ANALYST:** Jeff Williamson  
**NO DISCHARGE INDICATOR:** AL

PARAMETER	Solids, Total Volatile	Sludge Solids, Percent Volatile	COD, Soluble	Oil and Grease, Hexane Extr Method	Foreign Matter, percent		
PARAMETER CODE	00157	70322	80116	00552	99979		
UNITS	% Removed	%	mg/l	mg/l	%		
FREQUENCY	1/Week	1/Week	1/Week	1/Month	1/Month		
SAMPLING TYPE	Calculated	Composite	Composite	Composite	Composite		
2022-03-01							
2022-03-02							
2022-03-03							
2022-03-04							
2022-03-05							
2022-03-06							
2022-03-07							
2022-03-08							
2022-03-09							
2022-03-10							
2022-03-11							
2022-03-12							
2022-03-13							
2022-03-14							
2022-03-15							
2022-03-16							
2022-03-17							
2022-03-18							
2022-03-19							
2022-03-20							
2022-03-21							
2022-03-22							
2022-03-23							
2022-03-24							
2022-03-25							
2022-03-26							
2022-03-27							
2022-03-28							
2022-03-29							
2022-03-30							
2022-03-31							
Minimum							
Maximum							
Average							
Count							
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 Cardington, OH 43315  
**COUNTY:** Morrow  
**DISTRICT:** CDO

**STATUS:** Original  
**PERMIT NUMBER:** 4IN00204\*BD  
**STATION CODE:** 604  
**MONITORING PERIOD :** 2022-03-01 To: 2022-03-31  
**REPORTING LAB:** Renergy  
**ANALYST:** Jeffrey Williamson  
**NO DISCHARGE INDICATOR:**

PARAMETER	Freeboard	Maximum Operating Level (MOL), Sludge					
PARAMETER CODE	82564	99977					
UNITS	feet	mgals					
FREQUENCY	1/Week	1/Week					
SAMPLING TYPE	Total	Total					
2022-03-01							
2022-03-02							
2022-03-03	1	6.1700					
2022-03-04							
2022-03-05							
2022-03-06							
2022-03-07							
2022-03-08							
2022-03-09							
2022-03-10	1	6.1700					
2022-03-11							
2022-03-12							
2022-03-13							
2022-03-14							
2022-03-15							
2022-03-16							
2022-03-17	1	6.1700					
2022-03-18							
2022-03-19							
2022-03-20							
2022-03-21							
2022-03-22							
2022-03-23							
2022-03-24	1	6.1700					
2022-03-25							
2022-03-26							
2022-03-27							
2022-03-28							
2022-03-29							
2022-03-30							
2022-03-31	1	6.1700					
Minimum	1.0						
Maximum	1.0						
Average	1						
Count	5						
<b>Name of Responsible Official or Authorized Representative</b>  <div style="text-align: center; font-size: 1.2em;">Jeffrey Williamson</div>			<b>Signature of Responsible Official or Authorized Representative</b>  <div style="height: 80px;"></div>			<b>Submission Date/Time</b>	
						<b>Certification Version Date</b>  2022-04-20 14:04	

# Ohio EPA - Daily Discharge Monitoring Report - Form 4500

**SUBMISSION ID:** 1139253  
**FACILITY:** Emerald BioEnergy  
**LOCATION:** 2881 Co Rd 156  
 Cardington, OH 43315  
**COUNTY:** Morrow  
**DISTRICT:** CDO

**STATUS:** Original  
**PERMIT NUMBER:** 4IN00204\*BD  
**STATION CODE:** 605  
**MONITORING PERIOD :** 2022-03-01 To: 2022-03-31  
**REPORTING LAB:** Renergy  
**ANALYST:** Jeff Williamson  
**NO DISCHARGE INDICATOR:**

PARAMETER	Freeboard	Maximum Operating Level (MOL), Sludge					
PARAMETER CODE	82564	99977					
UNITS	feet	mgals					
FREQUENCY	1/Week	1/Week					
SAMPLING TYPE	Total	Total					
2022-03-01							
2022-03-02							
2022-03-03	1	.53000					
2022-03-04							
2022-03-05							
2022-03-06							
2022-03-07							
2022-03-08							
2022-03-09							
2022-03-10	1	.53000					
2022-03-11							
2022-03-12							
2022-03-13							
2022-03-14							
2022-03-15							
2022-03-16							
2022-03-17	1	.53000					
2022-03-18							
2022-03-19							
2022-03-20							
2022-03-21							
2022-03-22							
2022-03-23							
2022-03-24	1	.53000					
2022-03-25							
2022-03-26							
2022-03-27							
2022-03-28							
2022-03-29							
2022-03-30							
2022-03-31	1	.53000					
Minimum	1.0						
Maximum	1.0						
Average	1						
Count	5						
<b>Name of Responsible Official or Authorized Representative</b>  <div style="text-align: center; font-size: 1.2em;">Jeffrey Williamson</div>			<b>Signature of Responsible Official or Authorized Representative</b>  <div style="height: 80px;"></div>			<b>Submission Date/Time</b>	
						<b>Certification Version Date</b>  2022-04-20 14:04	

# Ohio EPA - Daily Discharge Monitoring Report - Form 4500

**SUBMISSION ID:** 1139253  
**FACILITY:** Emerald BioEnergy  
**LOCATION:** 2881 Co Rd 156  
 Cardington, OH 43315  
**COUNTY:** Morrow  
**DISTRICT:** CDO

**STATUS:** Original  
**PERMIT NUMBER:** 4IN00204\*BD  
**STATION CODE:** 606  
**MONITORING PERIOD :** 2022-03-01 To: 2022-03-31  
**REPORTING LAB:** Renergy  
**ANALYST:** Jeff Williamson  
**NO DISCHARGE INDICATOR:**

PARAMETER	Freeboard	Maximum Operating Level (MOL), Sludge					
PARAMETER CODE	82564	99977					
UNITS	feet	mgals					
FREQUENCY	1/Week	1/Week					
SAMPLING TYPE	Total	Total					
2022-03-01							
2022-03-02							
2022-03-03	2	.29000					
2022-03-04							
2022-03-05							
2022-03-06							
2022-03-07							
2022-03-08							
2022-03-09							
2022-03-10	2	.29000					
2022-03-11							
2022-03-12							
2022-03-13							
2022-03-14							
2022-03-15							
2022-03-16							
2022-03-17	1	.40000					
2022-03-18							
2022-03-19							
2022-03-20							
2022-03-21							
2022-03-22							
2022-03-23							
2022-03-24	1	.40000					
2022-03-25							
2022-03-26							
2022-03-27							
2022-03-28							
2022-03-29							
2022-03-30							
2022-03-31	1	.40000					
Minimum	1.0						
Maximum	2.0						
Average	1.4						
Count	5						
<b>Name of Responsible Official or Authorized Representative</b>  <div style="text-align: center; font-size: 1.2em;">Jeffrey Williamson</div>			<b>Signature of Responsible Official or Authorized Representative</b>  <div style="height: 80px;"></div>			<b>Submission Date/Time</b>	
						<b>Certification Version Date</b>  2022-04-20 14:04	

# Ohio EPA - Daily Discharge Monitoring Report - Form 4500

**SUBMISSION ID:** 1139253  
**FACILITY:** Emerald BioEnergy  
**LOCATION:** 2881 Co Rd 156  
 Cardington, OH 43315  
**COUNTY:** Morrow  
**DISTRICT:** CDO

**STATUS:** Original  
**PERMIT NUMBER:** 4IN00204\*BD  
**STATION CODE:** 607  
**MONITORING PERIOD :** 2022-03-01 To: 2022-03-31  
**REPORTING LAB:** Renergy  
**ANALYST:** Jeff Williamson  
**NO DISCHARGE INDICATOR:**

PARAMETER	Freeboard	Maximum Operating Level (MOL), Sludge					
PARAMETER CODE	82564	99977					
UNITS	feet	mgals					
FREQUENCY	1/Week	1/Week					
SAMPLING TYPE	Total	Total					
2022-03-01							
2022-03-02							
2022-03-03	1	2.75000					
2022-03-04							
2022-03-05							
2022-03-06							
2022-03-07							
2022-03-08							
2022-03-09							
2022-03-10	1	2.75000					
2022-03-11							
2022-03-12							
2022-03-13							
2022-03-14							
2022-03-15							
2022-03-16							
2022-03-17	1	2.75000					
2022-03-18							
2022-03-19							
2022-03-20							
2022-03-21							
2022-03-22							
2022-03-23							
2022-03-24	1	2.75000					
2022-03-25							
2022-03-26							
2022-03-27							
2022-03-28							
2022-03-29							
2022-03-30							
2022-03-31	1	2.75000					
Minimum	1.0						
Maximum	1.0						
Average	1						
Count	5						
<b>Name of Responsible Official or Authorized Representative</b>  <div style="text-align: center; font-size: 1.2em;">Jeffrey Williamson</div>			<b>Signature of Responsible Official or Authorized Representative</b>  <div style="height: 80px;"></div>			<b>Submission Date/Time</b>	
						<b>Certification Version Date</b>  2022-04-20 14:04	

# Ohio EPA - Daily Discharge Monitoring Report - Form 4500

**SUBMISSION ID:** 1139253  
**FACILITY:** Emerald BioEnergy  
**LOCATION:** 2881 Co Rd 156  
 Cardington, OH 43315  
**COUNTY:** Morrow  
**DISTRICT:** CDO

**STATUS:** Original  
**PERMIT NUMBER:** 4IN00204\*BD  
**STATION CODE:** 608  
**MONITORING PERIOD :** 2022-03-01 To: 2022-03-31  
**REPORTING LAB:** Renergy  
**ANALYST:** Jeff Williamson  
**NO DISCHARGE INDICATOR:**

PARAMETER	Freeboard	Maximum Operating Level (MOL), Sludge					
PARAMETER CODE	82564	99977					
UNITS	feet	mgals					
FREQUENCY	1/Week	1/Week					
SAMPLING TYPE	Total	Total					
2022-03-01							
2022-03-02							
2022-03-03	1	1.36000					
2022-03-04							
2022-03-05							
2022-03-06							
2022-03-07							
2022-03-08							
2022-03-09							
2022-03-10	1	1.36000					
2022-03-11							
2022-03-12							
2022-03-13							
2022-03-14							
2022-03-15							
2022-03-16							
2022-03-17	1	1.36000					
2022-03-18							
2022-03-19							
2022-03-20							
2022-03-21							
2022-03-22							
2022-03-23							
2022-03-24	1	1.36000					
2022-03-25							
2022-03-26							
2022-03-27							
2022-03-28							
2022-03-29							
2022-03-30							
2022-03-31	1	1.36000					
Minimum	1.0						
Maximum	1.0						
Average	1						
Count	5						
<b>Name of Responsible Official or Authorized Representative</b>  <div style="text-align: center; font-size: 1.2em;">Jeffrey Williamson</div>			<b>Signature of Responsible Official or Authorized Representative</b>  <div style="height: 80px;"></div>			<b>Submission Date/Time</b>	
						<b>Certification Version Date</b>  2022-04-20 14:04	

# Ohio EPA - Daily Discharge Monitoring Report - Form 4500

**SUBMISSION ID:** 1139253  
**FACILITY:** Emerald BioEnergy  
**LOCATION:** 2881 Co Rd 156  
 Cardington, OH 43315  
**COUNTY:** Morrow  
**DISTRICT:** CDO

**STATUS:** Original  
**PERMIT NUMBER:** 4IN00204\*BD  
**STATION CODE:** 609  
**MONITORING PERIOD :** 2022-03-01 To: 2022-03-31  
**REPORTING LAB:** Renergy  
**ANALYST:** Jeffrey Williamson  
**NO DISCHARGE INDICATOR:**

PARAMETER	Freeboard	Maximum Operating Level (MOL), Sludge					
PARAMETER CODE	82564	99977					
UNITS	feet	mgals					
FREQUENCY	1/Week	1/Week					
SAMPLING TYPE	Total	Total					
2022-03-01							
2022-03-02							
2022-03-03	1	20.95000					
2022-03-04							
2022-03-05							
2022-03-06							
2022-03-07							
2022-03-08							
2022-03-09							
2022-03-10	1	20.95000					
2022-03-11							
2022-03-12							
2022-03-13							
2022-03-14							
2022-03-15							
2022-03-16							
2022-03-17	1	20.95000					
2022-03-18							
2022-03-19							
2022-03-20							
2022-03-21							
2022-03-22							
2022-03-23							
2022-03-24	1	20.95000					
2022-03-25							
2022-03-26							
2022-03-27							
2022-03-28							
2022-03-29							
2022-03-30							
2022-03-31	1	20.95000					
Minimum	1.0						
Maximum	1.0						
Average	1						
Count	5						
<b>Name of Responsible Official or Authorized Representative</b>  <div style="text-align: center; font-size: 1.2em;">Jeffrey Williamson</div>			<b>Signature of Responsible Official or Authorized Representative</b>  <div style="height: 80px;"></div>			<b>Submission Date/Time</b>	
						<b>Certification Version Date</b>  2022-04-20 14:04	

# Ohio EPA - Daily Discharge Monitoring Report - Form 4500

FACILITY:

LOCATION:

Emerald BioEnergy

2881 Co Rd 156

Cardington, OH 43315

PERMIT NUMBER:

MONITORING PERIOD :

4IN00204\*BD

2022-03-01 To: 2022-03-31

## PARAMETER COMMENTS:

Station Code	Parameter Name	Parameter Code	Date	Unit	Comment
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